

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-19. (Canceled).

20. (Previously Presented) A process for a digital video recorder, comprising the steps of:
storing a plurality of multimedia programs in digital form on at least one storage device;
wherein a user selects previously recorded multimedia program(s) from said at least one storage device;

simultaneously retrieving for play back a video segment from at least one of said selected previously recorded multimedia program(s) and a video segment from a multimedia program whose storage is in progress using video segment identifying information generated by the digital video recorder for at least one video segment in said at least one of said selected previously recorded multimedia program(s) and video segment identifying information generated by the digital video recorder for at least one video segment in said multimedia program whose storage is in progress to cause delivery of selected video segments to an output subsystem, the digital video recorder automatically generating video segment identifying information for specific video segments in multimedia programs as each multimedia program is being stored on said at least one storage device; and

wherein said simultaneously retrieving for play back step allows playback rate and direction of each multimedia program to be controlled individually and simultaneously to perform any of: fast forward, rewind, frame step, pause, and play functions.

21. (Currently Amended) The process of Claim 20, wherein said output subsystem converts said at least one of said selected multimedia program(s) and said multimedia program whose storage is in progress into display output signals[[:]].
22. (Previously Presented) The process of Claim 21, further comprising the step of:
inserting on-screen displays into a display output signal.
23. (Previously Presented) The process of Claim 20, wherein a user controls playback rate and direction of a multimedia program through a remote control.
24. (Previously Presented) The process of Claim 20, wherein said retrieving for play back step sends a multimedia program to a multimedia recording device, allowing a user to record said multimedia program.
25. (Previously Presented) The process of Claim 20, further comprising the step of:
creating custom sequences of video and/or audio output; and
wherein said creating step allows any number of video and/or audio segments of multimedia programs to be lined up and combined and stored on said at least one storage device.
26. (Previously Presented) The process of Claim 20, further comprising the steps of:
accepting analog and/or digital multimedia program signals using a plurality of input signal tuners;
wherein each of said tuners is individually tuned to a specific multimedia program; and
converting analog multimedia program signals into a digital representation.
27. (Currently Amended) The process of Claim ~~[[26]]~~ 20, further comprising the step of:
synchronizing video and audio components for proper playback.
28. (Original) The process of Claim 26, wherein an input signal tuner receives any of:
software updates or data.

29-47. (Canceled).

48. (Previously Presented) An apparatus for a digital video recorder, comprising:

a module for storing a plurality of multimedia programs in digital form on at least one storage device;

wherein a user selects previously recorded multimedia program(s) from said at least one storage device;

a module for simultaneously retrieving for play back a video segment from at least one of said selected previously recorded multimedia program(s) and a video segment from a multimedia program whose storage is in progress using video segment identifying information generated by the digital video recorder for at least one video segment in said at least one of said selected previously recorded multimedia program(s) and video segment identifying information generated by the digital video recorder for at least one video segment in said multimedia program whose storage is in progress to cause delivery of selected video segments to an output subsystem, the digital video recorder automatically generating video segment identifying information for specific video segments in multimedia programs as each multimedia program is being stored on said at least one storage device; and

wherein said simultaneously retrieving for play back module allows playback rate and direction of each multimedia program to be controlled individually and simultaneously to perform any of: fast forward, rewind, frame step, pause, and play functions.

49. (Previously Presented) The apparatus of Claim 48, wherein said output subsystem converts said at least one of said selected multimedia program(s) and said multimedia program whose storage is in progress into display output signals.

50. (Previously Presented) The apparatus of Claim 49, further comprising:

a module for inserting on-screen displays into a display output signal.

51. (Previously Presented) The apparatus of Claim 48, wherein a user controls playback rate and direction of a multimedia program through a remote control.

52. (Previously Presented) The apparatus of Claim 48, further comprising:

a multimedia recording device, wherein said retrieving for play back module sends a multimedia program to said multimedia recording device, allowing a user to record said multimedia program.

53. (Previously Presented) The apparatus of Claim 48, further comprising:

editing means for creating custom sequences of video and/or audio output; and

wherein said editing means allows any number of video and/or audio segments of multimedia programs to be lined up and combined and stored on said at least one storage device.

54. (Previously Presented) The apparatus of Claim 48, further comprising:

a plurality of input signal tuners;

wherein said tuners accept analog and/or digital multimedia program signals;

wherein each of said tuners is individually tuned to a specific multimedia program; and

a module for converting analog multimedia program signals into a digital representation.

55. (Currently Amended) The apparatus of Claim ~~[[54]]~~ 48, further comprising the step of:

means for synchronizing video and audio components for proper playback.

56. (Original) The apparatus of Claim 54, wherein an input signal tuner receives any of: software updates or data.

57. (Previously Presented) The process of Claim 20, wherein said playing back step plays back said at least one of said selected multimedia program(s) and said multimedia program whose storage is in progress in a picture in a picture format to a display device.

58. (Previously Presented) The process of Claim 48, wherein said playing back module plays back said at least one of said selected multimedia program(s) and said multimedia program whose storage is in progress in a picture in a picture format to a display device.

59-110. (Canceled).